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(71)Applicant : ASAHI CHEM IND CO LTD

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(72)Inventor : SAKURABA KENJI

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### (54) ACRYLIC RESIN SHEET HAVING EXCELLENT LIGHT DIFFUSIVITY AND LIGHTING COVER

#### (57)Abstract:

**PROBLEM TO BE SOLVED:** To obtain a resin sheet having excellent light diffusivity, light transmittance, light resistance, and surface feeling and being desirable for lighting by compounding a methacrylic resin with spherical crosslinked polystyrene particles having a specified mean particle diameter, spherical crosslinked organic particles having a specified mean particle diameter and an inorganic light diffusing agent having a specified mean particle diameter in a specified ratio.

**SOLUTION:** This sheet is made from a resin composition comprising (A) 100 pts.wt. (meth) acrylic resin, (B) 0.1-0.9 pt.wt. spherical crosslinked polystyrene particles having a means particle diameter of 1 or below 5  $\mu\text{m}$ , (C) 0.1-10 pts.wt. at least one member selected from spherical crosslinked organic particles having a mean particle diameter of 1-20  $\mu\text{m}$ , and (D) 0.1-10 pts.wt. at least one member selected from inorganic light diffusing agents having a mean particle diameter of below 1  $\mu\text{m}$  or of 8  $\mu\text{m}$  or above. Component C is desirably properly spherical crosslinked siloxane resin particles. Component D is exemplified by calcium carbonate, barium sulfate, titanium oxide or talc.